

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals          | Time Stamp       |
|-------|------|--|---|------------------|------------------|------------------|
| S1    | 1    | ("6491447").PN.  | US-PGPUB;<br>USPAT  | OR               | OFF              | 2005/02/18 13:02 |
| S3    | 100  | ("4568960" "4796082" "5217943"<br>"5593562" "4360248" "4433898"<br>"5004317" "4530452" "4852964"<br>"5315679" "5528712" "6012852"<br>"5768462" "6041149" "6134356"<br>"4400053" "4834786" "4915503"<br>"4935045" "4946250" "5288659"<br>"5347601" "5757986" "5790720"<br>"5908305" "4249925" "4318058"<br>"4318059" "4426129" "4532632"<br>"4607912" "4784466" "4828592"<br>"4843609" "4936645" "4953936"<br>"4961618" "4969712" "4991921"<br>"5011557" "5013128" "5193137"<br>"5221633" "5223972" "5298762"<br>"5311604" "5315672" "5358896"<br>"5483613" "5535296").pn.<br>("5539850" "5627933" "5642447"<br>"5642448" "5652814" "5654812"<br>"5687267" "5693116" "5745631"<br>"5756373" "5781578" "5790726"<br>"5796905" "5809050" "5811838"<br>"5838868" "5889904" "5903697"<br>"5926594" "5978402" "5994679"<br>"5999298" "5998781" "6002823"<br>"6013025" "6021148" "6023542"<br>"6063299" "6091870" "6108481"<br>"6115169" "6115520" "6198858"<br>"6341190" "6480639" "6694069"<br>"6829398" "4972050" "5224184"<br>"5225797" "5442475" "5537498"<br>"5611008" "5659646" "6246098"<br>"4403862" "4597631" "4816967"<br>"4953930" "5266961").pn. | OR  | ON               | 2005/02/22 07:51 |                  |
| S4    | 269  | (method with forming with<br>waveguide) and ((angle\$1 or<br>mesa ramp\$2 or slop\$3) with<br>(clad or cladding))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON               | 2005/02/18 14:06 |
| S5    | 2    | ("2001/0026669").URPN.   | USPAT   | OR               | ON               | 2005/02/18 14:39 |
| S6    | 101  | (method with making with<br>waveguide) and ((angle\$1 or<br>mesa ramp\$2 or slop\$3) with<br>(clad or cladding))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON               |                  |

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S7  | 66   | S6 not (S4 or S3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/18 14:39 |
| S8  | 1752 | (optical with waveguide) and<br>((angle\$1 or mesa ramp\$2 or<br>slop\$3) with (clad or cladding))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/22 07:51 |
| S9  | 100  | ("4568960" "4796082" "5217943"<br>"5593562" "4360248" "4433898"<br>"5004317" "4530452" "4852964"<br>"5315679" "5528712" "6012852"<br>"5768462" "6041149" "6134356"<br>"4400053" "4834786" "4915503"<br>"4935045" "4946250" "5288659"<br>"5347601" "5757986" "5790720"<br>"5908305" "4249925" "4318058"<br>"4318059" "4426129" "4532632"<br>"4607912" "4784466" "4828592"<br>"4843609" "4936645" "4953936"<br>"4961618" "4969712" "4991921"<br>"5011557" "5013128" "5193137"<br>"5221633" "5223972" "5298762"<br>"5311604" "5315672" "5358896"<br>"5483613" "5535296").pn.<br>("5539850" "5627933" "5642447"<br>"5642448" "5652814" "5654812"<br>"5687267" "5693116" "5745631"<br>"5756373" "5781578" "5790726"<br>"5796905" "5809050" "5811838"<br>"5838868" "5889904" "5903697"<br>"5926594" "5978402" "5994679"<br>"5999298" "5998781" "6002823"<br>"6013025" "6021148" "6023542"<br>"6063299" "6091870" "6108481"<br>"6115169" "6115520" "6198858"<br>"6341190" "6480639" "6694069"<br>"6829398" "4972050" "5224184"<br>"5225797" "5442475" "5537498"<br>"5611008" "5659646" "6246098"<br>"4403862" "4597631" "4816967"<br>"4953930" "5266961").pn. | USPAT   | OR | ON | 2005/02/22 07:51 |
| S10 | 269  | (method with forming with<br>waveguide) and ((angle\$1 or<br>mesa ramp\$2 or slop\$3) with<br>(clad or cladding))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/22 07:51 |

|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| S11 | 101  | (method with making with waveguide) and ((angle\$1 or mesa ramp\$2 or slop\$3) with (clad or cladding)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 07:51 |
| S12 | 1430 | S8 not (S10 or S9 or S11)   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 07:55 |
| S13 | 647  | S12 and "385"/.ccls.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 07:52 |
| S14 | 12   | ("3185945"   "3948583").PN. OR ("4372641").URPN.  | US-PGPUB; USPAT; USOCR                             | OR | ON | 2005/02/22 08:00 |
| S15 | 11   | ("3992079"   "4943129"   "5087109"   "5208882"   "5473710").PN. OR ("5568579").URPN.                    | US-PGPUB; USPAT; USOCR                             | OR | ON | 2005/02/22 08:21 |
| S16 | 4    | ("3904270"   "3920314").PN. OR ("3992079").URPN.  | US-PGPUB; USPAT; USOCR                             | OR | ON | 2005/02/22 08:22 |
| S17 | 37   | ("3465159"   "3589794"   "3614198"   "3795433"   "3804489").PN. OR ("3920314").URPN.                    | US-PGPUB; USPAT; USOCR                             | OR | ON | 2005/02/22 08:23 |
| S18 | 0    | ("2005/0025408").URPN.  | USPAT  | OR | ON | 2005/02/22 09:06 |
| S19 | 368  | S12 not S13   | USPAT  | OR | ON | 2005/02/22 09:06 |
| S20 | 541  | S8 not S13  | USPAT  | OR | ON | 2005/02/22 09:13 |
| S21 | 278  | S8 not (S13 or "372"/.ccls.)  | USPAT  | OR | ON | 2005/02/22 09:13 |
| S22 | 750  | S8 not (S13 or "372"/.ccls.)  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:14 |
| S23 | 1105 | S8 not S13  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/22 09:13 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S24 | 561 | S8 not (S13 or "372"/.ccls. or "385"/.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/22 09:15 |
| S25 | 54  | (US-20010026669-\$ or US-20020037022-\$ or US-20020039475-\$ or US-20030067953-\$ or US-20030081900-\$ or US-20040120677-\$ or US-20040165812-\$ or US-20020001427-\$ or US-20030223696-\$ or US-20040017962-\$ or US-20050025408-\$).did. or (US-4318058-\$ or US-4568960-\$ or US-4915503-\$ or US-4972050-\$ or US-4990465-\$ or US-5114877-\$ or US-5124543-\$ or US-5225797-\$ or US-5263111-\$ or US-5288659-\$ or US-5347601-\$ or US-5654812-\$ or US-5701379-\$ or US-5756373-\$ or US-5811838-\$ or US-5889913-\$ or US-5903697-\$ or US-5910012-\$ or US-5978402-\$ or US-6002823-\$ or US-6021148-\$ or US-6063299-\$ or US-6480639-\$ or US-6491447-\$ or US-6529667-\$ or US-6640021-\$).did. or (US-6647044-\$ or US-6741781-\$ or US-4245883-\$ or US-4372641-\$ or US-3948583-\$ or US-5276745-\$ or US-5568579-\$ or US-3992079-\$ or US-3920314-\$ or US-6607933-\$ or US-5673284-\$ or US-4547396-\$ or US-6207975-\$).did. or (EP-695958-\$).did. or (JP-57132105-\$).did. or (EP-569181-\$ or EP-695958-\$).did. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                       | OR | ON | 2005/02/22 12:27 |
| S26 | 32  | S25 and ((silicon with oxynitride) or ("SiON") or (silicon with dioxide) or ("SiO.sub.2"))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/02/22 12:29 |